

Title (en)
TROFFER LUMINAIRE

Title (de)
TROFFER-LEUCHTE

Title (fr)
LUMINAIRE À CHEMIN LUMINEUX ENCASTRÉ

Publication
EP 3215788 A1 20170913 (EN)

Application
EP 15802239 A 20151106

Priority
• US 201462077151 P 20141107
• US 2015059596 W 20151106

Abstract (en)
[origin: WO2016073878A1] A luminaire module (301) including a plurality of light-emitting elements (310) arranged to emit light in a forward direction; a light guide (330) comprising a pair of opposing side surfaces extending from a receiving end of the light guide to an opposing end of the light guide, the light guide configured to guide light received at the receiving end from the light-emitting elements in the forward direction to the opposing end, wherein the light guide is elongated along a transverse direction orthogonal to the forward direction; and an optical extractor (340) elongated along the transverse direction and located at the opposing end of the light guide to receive the guided light, the optical extractor comprising a redirecting surface (346) and an output surface (344), wherein the received light undergoes two reflections off the redirecting surface prior to being output through the output surface in an ambient environment as output light in a backward angular range.

IPC 8 full level
F21S 8/02 (2006.01); **F21V 7/00** (2006.01); **F21Y 103/00** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21S 8/00 (2013.01 - CN); **F21S 8/026** (2013.01 - US); **F21V 7/0016** (2013.01 - CN EP US); **F21V 7/0025** (2013.01 - US); **F21V 7/0033** (2013.01 - CN EP US); **F21V 7/0091** (2013.01 - CN EP US); **G02B 6/0018** (2013.01 - US); **G02B 6/0028** (2013.01 - US); **G02B 6/0045** (2013.01 - EP US); **G02B 6/0073** (2013.01 - US); **F21S 8/00** (2013.01 - EP US); **F21W 2131/301** (2013.01 - CN EP US); **F21Y 2101/00** (2013.01 - CN); **F21Y 2103/10** (2016.07 - CN EP US); **F21Y 2115/10** (2016.07 - CN EP US); **G02B 6/0045** (2013.01 - CN)

Citation (search report)
See references of WO 2016073937A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016073878 A1 20160512; CN 107110445 A 20170829; CN 107110473 A 20170829; CN 107110473 B 20201103; EP 3215788 A1 20170913; EP 3215788 B1 20200812; EP 3215790 A1 20170913; EP 3215790 B1 20200108; US 10545276 B2 20200128; US 10551547 B2 20200204; US 2018284339 A1 20181004; US 2019101686 A1 20190404; WO 2016073937 A1 20160512

DOCDB simple family (application)
US 2015059513 W 20151106; CN 201580072659 A 20151106; CN 201580072684 A 20151106; EP 15802235 A 20151106; EP 15802239 A 20151106; US 2015059596 W 20151106; US 201515525027 A 20151106; US 201515525032 A 20151106